

## **ABSTRACT**

An apparatus of measuring concentration of wastewater is provided for determining discharge rate of wastewater from a wastewater-collecting tank. The apparatus includes a mixing tank, a measuring tank, a water supply unit, a wastewater supply unit, a concentration detector, a controller, and a monitor. The measuring tank is communicated with the mixing tank, and the water supply unit is communicated with the mixing tank. Further, the concentration detector is located in the measuring tank, the controller is electronically connected respectively with all other devices, and the monitor is electronically connected with the controller to show the operating status of every device. The apparatus is capable of measuring real concentration of wastewater in the wastewater-collecting tank, and results of which can be used to adjust the discharge rate from the wastewater-collecting tank within a safe range.